

Serial No. 09/917,822
Docket No. YOR920010568US1
(YOR.335)

2

AMENDMENTS TO THE CLAIMS:

1-34. (Canceled).

35. (Currently Amended) A method of communicating between a seating platform and a remote system, comprising:

sensing a characteristic of said seating platform;

communicating said characteristic from said seating platform to said remote system; and

providing a feedback loop between said seating platform and said remote system,

measuring a characteristic of the seating platform,

wherein if the characteristic is judged to need adjustment, then initiating an exchange of communications with a communications device of said remote system; and

notifying the remote system that a request has been made to adjust at least one environmental parameter.

36. (Currently amended) The method of claim 35, wherein said sensing comprises sensing whether the seating platform is one of vacant, occupied, occupied by a non-human, and occupied by a particular individual, ~~said method further comprising measuring a characteristic of the seating platform.~~

37. (Currently amended) The method of claim 35 36, wherein said characteristic comprises at least one of color, intensity, and distribution of light derived from at least one of a lighting

Serial No. 09/917,822
Docket No. YOR920010568US1
(YOR.335)

3

system, one of a temperature and a ~~or~~ humidity in an area of the seating platform, and ~~or~~ a presence of a sound level for one of a particular sound and ~~or~~ a particular musical composition.

38-39. (Canceled).

40. (Currently Amended) The method of claim 35 ~~39~~, further comprising:

instructing an effector of the remote system to adjust the at least one parameter.

41. (Currently Amended) The method of claim 35 ~~39~~, further comprising:

determining whether the at least one parameter has been adjusted properly.

42. (Original) The method of claim 41, wherein said determining comprises:

after the at least one parameter is adjusted, notifying a computing system of said remote system; and

exchanging communications between the remote system and the seating platform so that the at least one environmental parameter may be re-measured and re-analyzed.

43. (Currently amended) The method of claim 42, wherein, if the state indicates that one of an occupant and ~~or~~ a particular occupant is present in the seating platform, then adjusting a setting for the environmental parameter and reinitiating said measuring and analyzing of said environmental parameter.

Serial No. 09/917,822
Docket No. YOR920010568US1
(YOR.335)

4

44. (Original) The method of claim 43, wherein said adjusting is performed by one of a manually adjusted user interface and a speech recognition system.

45-56. (Canceled).

57. (New) A system of communicating between a seating platform and a remote system, comprising:

- at least one sensor that senses a characteristic of said seating platform;
- a communications device that communicates said characteristic from said seating platform to said remote system;
- a feedback loop between said seating platform and said remote system,
- a measurer that measures a characteristic of the seating platform,
- wherein if the characteristic is judged to need adjustment, then an exchange of communications with the communications device of said remote system is initiated; and
- a notifier that notifies the remote system that a request has been made to adjust at least one environmental parameter.

58. (New) The system of claim 57, wherein said at least one sensor senses whether the seating platform is one of vacant, occupied, occupied by a non-human, and occupied by a particular individual.

59. (New) The system of claim 57, wherein said characteristic comprises at least one of color, intensity, and distribution of light derived from at least one of a lighting system, one of a

Serial No. 09/917,822
Docket No. YOR920010568US1
(YOR.335)

5

temperature and a humidity in an area of the seating platform, and a presence of a sound level for one of a particular sound and a particular musical composition.

60. (New) The system of claim 57, further comprising:

an instructor that instructs an effector of the remote system to adjust the at least one parameter.

61. (New) The system of claim 57, further comprising:

a determiner that determines whether the at least one parameter has been adjusted properly.

62. (New) The system of claim 61, wherein, after the at least one parameter is adjusted, said notifier notifies a computing system of said remote system, and

wherein said communications device communicates another exchange between the remote system and the seating platform so that the at least one environmental parameter may be re-measured and re-analyzed.

63. (New) The system of claim 62, further comprising an adjuster that adjusts a setting for the environmental parameter and reinitiates said measuring and analyzing of said environmental parameter.

64. (New) The system of claim 63, wherein said adjuster comprises one of a manually adjusted user interface and a speech recognition system.

Serial No. 09/917,822
Docket No. YOR920010568US1
(YOR.335)

6

65. (New) A signal-bearing medium tangibly embodying a program of machine-readable instructions executable by a digital processing apparatus to perform a method of communicating between a seating platform and a remote system, comprising:

sensing a characteristic of said seating platform;

communicating said characteristic from said seating platform to said remote system;

providing a feedback loop between said seating platform and said remote system,

measuring a characteristic of the seating platform,

wherein if the characteristic is judged to need adjustment, then initiating an exchange of communications with a communications device of said remote system; and

notifying the remote system that a request has been made to adjust at least one environmental parameter.

66. (New) The signal-bearing medium tangibly embodying the program of machine-readable instructions to perform the method of claim 65, wherein said sensing comprises sensing whether the seating platform is one of vacant, occupied, occupied by a non-human, and occupied by a particular individual.

67. (New) The signal-bearing medium tangibly embodying the program of machine-readable instructions to perform the method of claim 65, wherein said characteristic comprises at least one of color, intensity, and distribution of light derived from at least one of a lighting system, one of a temperature and a humidity in an area of the seating platform, and a presence of a sound level for one of a particular sound and a particular musical composition.

Serial No. 09/917,822
Docket No. YOR920010568US1
(YOR.335)

7

68. (New) The signal-bearing medium tangibly embodying the program of machine-readable instructions to perform the method of claim 65, further comprising:

instructing an effector of the remote system to adjust the at least one parameter.

69. (New) The signal-bearing medium tangibly embodying the program of machine-readable instructions to perform the method of claim 65, further comprising:

determining whether the at least one parameter has been adjusted properly.

70. (New) The signal-bearing medium tangibly embodying the program of machine-readable instructions to perform the method of claim 69, wherein said determining comprises:

after the at least one parameter is adjusted, notifying a computing system of said remote system; and

exchanging communications between the remote system and the seating platform so that the at least one environmental parameter may be re-measured and re-analyzed.

71. (New) The signal-bearing medium tangibly embodying the program of machine-readable instructions to perform the method of claim 70, wherein, if the state indicates that one of an occupant and a particular occupant is present in the seating platform, then adjusting a setting for the environmental parameter and reinitiating said measuring and analyzing of said environmental parameter.

Serial No. 09/917,822
Docket No. YOR920010568US1
(YOR.335)

8

72. (New) The signal-bearing medium tangibly embodying the program of machine-readable instructions to perform the method of claim 71, wherein said adjusting is performed by one of a manually adjusted user interface and a speech recognition system.

73. (New) The system of claim 57, wherein said communications device comprises:
a first wireless communications device for conveying information on a characteristic of said seating platform; and
a second wireless communications device for receiving information from said first wireless communications device,
wherein said first wireless communications device is connected to said at least one sensor for detecting said characteristic of said seating platform.

74. (New) The system of claim 73, wherein said second wireless communications device returns an information carrying signal to said first communications device.

75. (New) The system of claim 74, wherein information returned by said information carrying signal is conveyed to an occupant of said seating platform.

76. (New) The system of claim 74, further comprising:
a computing system, wherein said second wireless communications device receives said information carrying signal and is connected to said computing system, and
wherein said computing system initiates an action based upon said information.

Serial No. 09/917,822
Docket No. YOR920010568US1
(YOR.335)

9

77. (New) The system of claim 76, wherein said action comprises notifying an occupant of said seating platform of one of the length of time that said occupant has occupied said seating platform, that said occupant has occupied said seating platform for an excessive length of time, and that physical injury may be incurred by said occupant.

78. (New) The system of claim 57, wherein said characteristic comprises one of a position, an orientation, a movement, and a length of time of occupation of said seating platform.

79. (New) The system of claim 73, wherein at least one of said first wireless communications device and said second wireless communications device comprises one of a cellular phone, a Bluetooth device, an IrDA device, an IEEE 802.11 device, and a radio communications device.

80. (New) The system of claim 76, wherein said action comprises communicating the characteristic to other computing systems.

81. (New) The system of claim 57, wherein said seating platform includes wheels.

82. (New) The system of claim 57, wherein said seating platform comprises one of a chair, a sofa, a stool, and a wheel chair.

83. (New) The system of claim 76, wherein said computing system is connected to a network.

Serial No. 09/917,822
Docket No. YOR920010568US1
(YOR.335)

10

84. (New) The system of claim 83, wherein said network comprises one of the Internet, an intranet, a Bluetooth network, an IEEE 802.11 network, and a Local Area Network.

85. (New) The system of claim 57, wherein said seating platform is located in one of a business, a home, a restaurant, and a public space.